

Burnley Rural District Council.

ANNUAL REPORT

OF

DR. H. J. ROBINSON,

Medical Officer of Health,

FOR THE

YEAR ENDED 31st DECEMBER, 1914.

BURNLEY:

JOHN DIXON, LTD., PRINTERS, MANCHESTER ROAD AND STANLEY STREET.

BURNLEY RURAL DISTRICT COUNCIL.
YEAR ENDED 1914.

COUNCILLORS.

Altham	...	...	...	...	...	...	...	Albert Foster.
Barley	...	...	...	...	...	...	...	William James Martin.
Blacko	...	...	...	...	...	...	...	Tom Ridehalgh.
Briercliffe	...	...	...	...	...	...	...	Bannister Kippax.
Cliviger	...	...	...	...	...	...	...	John Jobling, J.P.
Dunnockshaw	...	...	...	...	...	...	...	Stephen Landless.
Foulridge	...	...	...	...	...	...	...	James Lonsdale.
Goldshaw Booth	...	...	...	...	...	...	...	Alexander Bell.
Habergham Eaves	...	...	...	...	...	...	...	Jos. H. Howarth.
Hapton	...	...	...	...	...	...	...	Frederick L. Riley, J.P.
Higham	...	...	...	...	...	...	...	James Stuttard.
Huncoat	...	...	...	...	...	...	...	John Booth.
Ightenhill	...	...	...	...	...	...	...	Chas. H. Webster, J.P.
Old Laund Booth	...	...	...	...	...	...	...	Hezekiah Proctor.
Read	...	...	...	...	...	...	...	Rev. James Robinson, M.A.
Reedley Hallows	...	...	...	...	...	...	...	R. Haythornthwaite.
Roughlee Booth	...	...	...	...	...	...	...	Edwin Whitehead, J.P.
Sabden	...	...	...	...	...	...	...	Wilfred Hargreaves.
Simonstone and Northtown.	...	...	...	...	...	...	...	T. H. Thompson, J.P.
Worsthorne-with-Hurstwood	...	...	...	...	...	...	...	Alfred H. Pickles.

OFFICIALS.

Chairman—T. H. THOMPSON, J.P.

Vice-Chairman—F. L. RILEY, J.P.

Clerk—J. S. HORN, J.P.

Assistant Clerk—H. PURTON.

Medical Officer of Health—H. J. ROBINSON, B.A., M.R.C.S.

Engineer & Surveyor—H. PRITCHARD, M.INST.M.CY.E., CERT.R.SAN.I.

Assistant Surveyor—EDWARD F. SCHOLFIELD, A.M.INST.M.CY.E.

Sanitary Inspector—R. J. ATKINSON, A.R.SAN.I.

TO THE CHAIRMAN AND MEMBERS OF THE BURNLEY RURAL DISTRICT COUNCIL.

GENTLEMEN,

I have the honour to present to you my Annual Report for the year ended December 31st, 1914.

A.—NATURAL AND SOCIAL CONDITIONS OF THE DISTRICT.

I.

The Burnley Rural District, which is situated in North-East Lancashire, is hilly in character, ranging from 200 to 1,831 feet above Ordnance Datum, the average being about 650 feet.

The area is 41,774 acres.

The subsoil is mostly clay, and the district is very damp, having an average rainfall of over 40 inches. The rainfall during the past year recorded at the Burnley Meteorological Station, which is situated practically in the centre of the district, was 46.1 inches, being an increase of 6.65 inches over that of last year.

During the year the Local Government Board made an Order confirming the Order of the Lancashire County Council for the alteration of the townships of Cliviger and Worsthorne-with-Hurstwood. Under the provisions of this Order the Brownside portion which used to be in the Parish of Cliviger is now included in the Parish of Worsthorne.

II.

The estimated population at the middle of the year is 20,500, and the Tables and Statistics contained herein are based upon that figure.

Textile manufacturing, coal mining, and dairy farming are the principal occupations of the people, who, generally speaking, are very thrifty.

The cotton trade, which is the principal industry, has not been particularly brisk during the year, and since August trade generally has not been good, owing largely to the war.

GENERAL REMARKS.

It is only necessary here to make a few observations on matters which demand special attention by the Council, whether for congratulation, or as indicating needs and improvements yet to be met and accomplished.

BIRTHS.—The total number of births in the district for the year is 346—Males 194, Females 152—of which 7 were illegitimate. This gives a birth-rate of 16·87 per thousand of the population, the lowest rate I have yet recorded, although last year it was only a fraction higher, namely, 16·92. The average birth-rate for the five years ending December 1913 is 19·5. This steady but continual decrease is certainly a matter for regret, but I cannot add anything further to the remarks I made in my last and previous reports. I have no return of deaths of illegitimate infants.

DEATHS.—The total number of deaths registered in the district is 233—Males 123, Females 110—which equals a death-rate of 11·36 per thousand of the estimated population. These figures, however, are slightly altered by the fact that those registered in the district are not always of residents, whilst many who really belong to the district are registered as having died elsewhere. The number of non-residents registered in the district is 6, and of residents not registered in the district 34, which means an addition of 28 to the deaths already mentioned, and therefore makes the total number of deaths for the district 261 and the death-rate 12·73. The net death-rate for the last five years, 1909–1913, was 12·85, and for the year ending December 1913, 13·7.

This return is satisfactory as indicating the general health of the district.

TABLE III at the end of this Report gives the causes of death and the various age periods. It will be seen from that table that 57 died of Respiratory diseases, and of this number 8 died under one year, 8 one and under two, after which the deaths are fairly distributed between the age periods from 25 to 65 years and upwards. Of Organic Heart diseases 38 died, most of which were of persons over 60 years. In the previous year 21 died of Cancer or other form of malignant disease; this year only 11. Of the others, 69 died of defined, but not specially tabulated, diseases, or from unknown causes. The number of inquests held during the year is 19, due either to accidents or suicides.

From Pulmonary Tuberculosis 13 have died and 6 from other forms of tuberculous diseases. Last year the numbers were 11 and 7 respectively. Details of cases notified and action taken are given in the following pages.

INFANTILE MORTALITY. (See Table IV).—Of the 346 children born during the year, 39 have died during the first year of life, which equals an Infantile Mortality rate of 112·7 per thousand births, as against 123·9 for the previous year. This is not a high rate, but one has to remember that the summer months were remarkably free from all forms of diarrhoea; only 5 have died

from that complaint. From premature birth and malformation 10 have died, or nearly one-fourth of the total deaths of infants. Of Pneumonia and Bronchitis 8 have died; only 1 from Tuberculosis; from Measles, 3, and Whooping Cough, 3.

I am of opinion that there is, amongst mothers, more care taken in the feeding of children than formerly, and a more intelligent interest in the storage, cleanliness and preparation of food.

INFECTIOUS DISEASES.—These are dealt with in the following pages. I can only here add that the general condition of health and sanitary matters shows, as last year, a gradual but well marked improvement. And a careful study of the details herein given will show what work has been done to improve the district as a whole. For your Surveyor and Inspector the year has been an arduous one, but the results have been pleasing and satisfactory.

I have again to acknowledge the hearty and willing co-operation of all my fellow officers and for the particulars which they have got out for me in preparing this Report.

B.—SANITARY CIRCUMSTANCES OF THE DISTRICT.

WATER SUPPLY.—The water supply for the greater part of the District is good, and I give hereunder particulars showing how the various townships are supplied :—

<i>Townships.</i>	<i>Supply.</i>
Simonstone and Altham	Principally from the Padiham Urban District Council and the Accrington District Gas and Water Board.
Barley, Blacko, Old Laund ... Booth, Wheatley Carr, and Reedley Hallows.	Principally from Nelson Corporation; remainder private supplies.
Habergham Eaves, Worsthorne ... and Ightenhill.	From the Burnley Corporation; remainder private supplies.
Briercliffe, Cliviger, Foulridge, ... and Read.	From the Council's own Water Works (each township has a separate supply).
Huncoat... ..	Accrington District Gas and Water Board.
Sabden, Hapton, and Dunnockshaw.	Water works owned privately.

<i>Townships.</i>	<i>Supply.</i>
Goldshaw Booth and Roughlee ... Booth.	Have no systematic supply at present.
Northtown	Principally from the Padiham Urban District Council.
Higham	From Nelson Corporation.

WATER SUPPLIES. Generally the water supplies belonging to the Council have been adequate during the year 1914.

BRIERCLIFFE WATER. During the past year the 4-inch cast iron water main which conveys water from the Council's reservoir on Twist Hill to Briercliffe has been taken out and replaced with a 4-inch steel tube, and has proved a great benefit, as the working pressure and the discharging capacity have been greatly increased.

The Bore Hole supply at Herd House failed again during the summer, but with careful use of the Twist supply, together with the supply obtained from the Burnley Corporation mains at Cop Row, the supply was maintained.

During the past year Parliament confirmed a Provisional Order of the Local Government Board empowering the Council to put into force the Lands Clauses Consolidation Acts, 1845, 1860 and 1869 with respect to the purchase and taking of lands, otherwise than by agreement, in Thursden Valley, for the purpose of obtaining an additional supply of water for the Township of Briercliffe. The Council is now engaged in negotiating with the owners of the land, and it is hoped that the new works will be put in hand in the Spring of 1915.

FOULRIDGE WATER. The original drift supply at White Moor again failed during the past summer, but, thanks to the deep well supply which was obtained in 1913, the township suffered no inconvenience whatsoever.

NEWCHURCH-IN-PENDLE WATER. The third attempt to obtain a good supply of water for this village, which is situated partly in Roughlee Township and partly in Goldshaw Booth, has resulted in a good supply being obtained, though of course it must not be assumed that it is constant until after gauging through the summer months proves it to be so. The supply has been obtained by sinking a temporary well 22ft. deep into the rock and then cutting a drift from the same. The yield will be carefully measured daily and the water analysed periodically before any steps are taken to make provision for storing the supply, and if found satisfactory the Council will be advised to make application to the Local Government Board for power to borrow money for the purpose of constructing a service reservoir and laying the necessary pipes for conveying the water to the village.

ROUGHLEE WATER. The Council having been successful in arranging terms with the Nelson Corporation for a supply of water in bulk for the Crow Trees area of the Township, instructions have been given to the Council's Engineer to prepare plans and estimates for the necessary main laying with a view to making application to the Local Government Board for power to borrow money to carry out the work.

READ WATER. This supply will receive attention during the coming year, when it will be necessary to relay part of the mains which have been in use over thirty years, and, in consequence of which, are not delivering the quantity of water nor affording the pressure required for adequately supplying the village.

SEWERAGE AND SEWAGE DISPOSAL. The following Townships have their own sewage disposal works, viz. :—

<i>Township.</i>	<i>Method of Treatment.</i>
Huncoat	... Open septic tanks and double contact filters.
Sabden	... Continuous settlement, percolating filters, and irrigation.
Worsthorne	... Septic tanks, percolating filters, and humus tanks.
Foulridge	... Septic tanks, percolating filters, and humus tanks.

The following townships are connected to the Burnley Corporation Sewers under agreements between the Burnley Rural District Council and the Burnley Corporation, viz. :—

Briercliffe, Hapton, Read, Reedley Hallows, Simonstone, and Habergham Eaves.

The Whinney Hill district of the Township of Altham is connected with the Accrington and Church Joint Sewerage Board's Outfall Works at Copy Clough.

FOULRIDGE. The Sewerage and Sewage Disposal Works in this township are now completed and in thorough working order, and have already proved a great benefit to the Township.

HUNCOAT. During the past two or three years a number of complaints, verbal and written, have been received from the Chief Inspector of the Ribble Joint Committee calling the Council's attention to the unsatisfactory condition of the contact beds, which are rapidly becoming choked up. The Council instructed their Engineer to report on the present state of these Works, which he did as follows :—

“ The capacity of the Primary Beds, though originally equal to that of the Secondary Beds, is now very much less,

the effect of which being that the volume discharged from a Primary Bed is not sufficient to fill a Secondary Bed to the point at which the Discharge Syphon should come into action. The effluent, therefore, has to remain in the Secondary Bed throughout the whole period of working of the remaining beds, after which it receives a second dose equal to the last, but which, together with the previous dose, is more than the filter will hold, with the result that the syphon immediately comes into action and discharges an effluent half of which has remained longer than necessary in second contact and half which has had little or no second contact.

“To remedy this defect it would be necessary to take out the whole of the filtering medium, wash it and replace it, with possibly additional new medium. New distributing troughs would be required, as the present ones, which are in a rotten condition, will be unfit for re-use when once disturbed.

“The system of feeding the contact beds is very unsatisfactory owing to the air pipes in many places being so badly rusted as to be partially eaten away, while the syphons themselves are a constant source of trouble, it now being necessary for the attendant to resort to the use of a force pump before he can bring them into operation. This means that many times the works are flooded during the night time.”

The Council's Engineer is of opinion that to make the works wholly satisfactory and to bring them up to date, the following work should be carried out, viz. :—

A proper screen should be fixed in the Grit Tank, the floor of which should be slightly raised so as to allow the sludge to gravitate to the existing well adjoining it.

A slight though very necessary alteration in the present arrangements for running off sludge from the Septic Tank should be made.

The present contact beds should be rearranged so that the four primary beds may be emptied and in future kept as Stand-by Storm Water Tanks, while the level of the Secondary beds be increased and converted into continuous percolating filters fitted with revolving distributors.

Provision should be made for running off and treating the supernatant water from all tanks, a proper area provided for drying sludge from the tanks and sufficient humus tank capacity provided.

The Engineer presented plans and an estimate for the works proposed by him to the Council which received approval, and application has now been made to the Local Government Board for sanction to borrow the sum of £1,200 to defray the cost of the work.

It is felt that the proposals, though bold, will, if carried into effect, set the works right for many years to come.

WORSTHORNE. The Council has decided to make some small improvements at the Sewage Disposal Works in this Township, which will consist chiefly of substituting engine clinker for 2-ft. depth of the present filtering medium, which is at present large gravel and broken stones, and it is hoped that a marked improvement in the effluents will be obtained as a result of this work.

HABERGHAM EAVES. A sewer has recently been constructed for the purpose of draining houses situated on the Towneley side of the Township, at a cost of £380, for which sanction of the Local Government Board was obtained last summer. This means that practically all the houses in the Township have now been connected to the sewers.

PRIVATE STREET WORKS. In accordance with the instructions of the Council, plans, sections, specifications, estimates and provisional apportionments have been prepared under the Private Street Works Act 1892 in respect of 17 streets in the Township of Briercliffe estimated to cost £4,450, and were duly approved and the work of making up the streets has been commenced during the past year and is now well in hand.

CLOSET ACCOMMODATION.

<i>Townships.</i>	<i>Population.</i>	<i>System.</i>
Altham, Briercliffe, Hapton, Huncoat, Read, Reedley Hallows, Sabden, Simonstone, Worsthorne.	13,045	Principally waste water closets; several fresh water closets; and at a few isolated houses, pail closets.
Cliviger, Habergham Eaves, Ightenhill.	2,300	Partly water carriage; remainder conservancy.
Barley, Blacko, Dunnockshaw, Goldshaw Booth, Higham, Old Laund Booth, Roughlee, Northtown, and Wheatley Carr.	3,680	Principally on the conservancy system; although there are many houses in these Townships with slop-water closets.

<i>Townships.</i>	<i>Population.</i>	<i>System.</i>
Foulridge	1,475	About half the houses have clean water closets (<i>see note below</i>).

As in the past four or five years, much progress has been made with regard to the abolition of the old "tank closets," also pail closets where possible.

During the year under review the new Sewerage and Sewage Disposal Scheme for Foulridge has been completed, and steps were at once taken by your Inspector to get the drains connected up to the new sewers, and also at the same time to have the old privies done away with and clean water closets substituted.

The property owners in the village have done remarkably well in carrying out the Inspector's requirements in this respect, as is evidenced by the fact that since the end of July up to Dec. 31st, no fewer than 108 closets have been converted. In all cases clean water closets have been fixed.

Some of the conveniences were in a most wretched state.

In the Township of Huncoat, which of course has been properly sewered for some years, there are still several privies on the pail system which ought to be abolished.

The Inspector took this matter in hand this year, and found that it was very difficult to get clean water closets substituted for the existing ones owing to the owners taking exception to the heavy water rate which was charged for the former.

Upon bringing the matter before the Council it was decided to allow one W.C. to each house free of charge, and I am pleased to state that since then 13 W.C's have been fixed, and I hope the owners will see their way to alter the remainder during the coming year.

Pail closets are emptied once each week and as this work is performed by the Council's own workmen in the greater part of the District, they are generally well attended to, and it is very rare that any complaints are received.

For the whole District during the year:—

3	“ tank ”	closets have been converted to pail closets.		
51	“ ”	“ ”	clean water closets.	
70	“ pail ”	“ ”	“ ”	“ ”

Approximate number of Privy Middens in the District	...	800
„ „ Pail Closets	„	884
„ „ Waste Water Closets	„	2550
„ „ Fresh Water Closets	„	500

SCAVENGING. The following Townships are scavenged by the Council's own vehicles and labour :—Altham, Barley, Briercliffe, Cliviger, Goldshaw Booth, Habergham Eaves, Hapton, Higham, Huncoat, Old Laund Booth, Northtown, Read, Reedley Hallows, Roughlee, Sabden, Simonstone, and Worsthorne.

Blacko, Foulridge, and Ightenhill are still scavenged by contract, and I am pleased to state that the work has again been performed satisfactorily.

The following summary shows the quantities of house refuse, etc., removed, also how the District is divided up for the purposes of scavenging. These figures only relate to the work done by the Council's own vehicles and labour.

	Ashpits emptied	Ash Bins emptied.	Privy Pails emptied.	Privy Tanks emptied.	Loads of Ashes removed.	Loads of Nightsoil removed
Briercliffe and part of Reedley	4210	5956	2685	398	755	554
Hapton and Huncoat.	2079	8052	9774	124	1030	297
Altham, Simonstone, Read, and part of Northtown	1245	8520	4834	166	762	302
Sabden, and part of Northtown	821	4282	3643	37	722	138
Old Laund Booth, Barley, Higham, Goldshaw Booth, Roughlee, and part of Reedley	737	2029	9100	732	560	1094
Worsthorne, Cliviger, Habergham Eaves.	1054	9764	9937	343	844	533
Totals ...	10146	38603	39973	1800	4673	2918

There is no refuse destructor in the District, the refuse being disposed of by filling up disused quarries, ditches, etc., situated as far as possible from dwelling houses.

In my last Annual Report I called attention to the fact that the tip at Simonstone was nearly filled up and that I had been successful in getting another tip in the same field.

Since then a new tenant has taken possession of the Farm and refuses, up to the present, to let the Council have the proposed tip. This of course means looking out for a tip elsewhere, and I hope that a suitable place in a convenient situation will soon be secured.

In the summer months several complaints were received relative to the Tip at Harle Syke causing a nuisance. During the hot weather it certainly was a nuisance.

This difficulty was overcome by covering over the tip with soil, and by carting all the refuse from Briercliffe to another tip at Holt Hill for the period extending from July to October. In future it is proposed to use the old tip during the winter months only, when no nuisance is caused.

Much progress has again been made with the abolition of ashpits and the substitution of galvanised iron dust bins.

In the Township of Hapton, where we had several open ashpits, I am pleased to report that they have now all been abolished.

Refuse bins are emptied fortnightly, but in many cases once each week, and it is hoped that before long all the bins will be emptied weekly.

Number of Ashpits abolished during the year	...	...	26
Number of Houses provided with Bins	...	...	40

SANITARY INSPECTIONS OF THE DISTRICT.

40 written complaints have been received, particulars of which are as follows :—

Privies and Ashpits not emptied	...	...	...	...	9
Poultry, etc., kept so as to be a nuisance	...	...	...	...	2
Inadequate water supply...	...	...	...	...	1
General Insanitary condition of Dwellings	...	...	...	...	3
Insanitary Closets	...	...	...	...	1
Dwellings in damp state	...	...	...	...	2
Shippon Tanks causing a nuisance	...	...	...	...	2
Drains blocked	...	...	...	...	3
Cellars in insanitary condition	...	...	...	...	2
Insanitary middensteads	...	...	...	...	3
Refuse Tip	...	...	...	...	1
Shippons not limewashed	...	...	...	...	1

Accumulations of Rubbish	...	...	...	...	...	...	3
Defective Drains	...	...	...	...	...	...	1
Blocked Waste Water Closet	...	...	...	...	...	...	1
Other Nuisances	...	...	...	...	...	...	5
					Total	...	40

The premises to which the above related were at once visited and the necessary steps taken to secure the abatement of the nuisances. In two instances no nuisance existed.

Systematic inspections of the District have revealed the following defects, all of which have been remedied :—

Accumulations of Nightsoil, Refuse, &c.	...	...	...	31
Defective Waste Water Closets	...	...	...	33
Defective Ashpits	...	...	...	10
Defective Drains	...	...	...	28
Drains Blocked	...	...	...	14
Insanitary Tank Closets...	...	...	...	4
Dilapidated Privy Pails	...	...	...	25
Insufficient Closet Accommodation	...	...	...	7
Polluted and Insufficient Water Supplies	...	...	...	8
Water Wastes	...	...	...	16
Insufficient Accommodation for House Refuse...	...	...	...	4
Dilapidated Refuse Bins	...	...	...	3
Damp Houses	...	...	...	3
Absence of, or Defective Eaves Gutters and Down-pipes	...	...	...	5
Blocked Surface Water Drains	...	...	...	5
Dwellings in Dirty condition	...	...	...	3
Backyards in Dirty state	...	...	...	1
Defective Yard Flagging	...	...	...	2
Streets in such a state as to be a nuisance	...	...	...	2
Insanitary Cesspools	...	...	...	3
Defective Slop Waste Pipes	...	...	...	4
Houses Overcrowded	...	...	...	2
Cellars Flooded and in Dirty state	...	...	...	5
Outbuildings in Defective or Dangerous condition	...	...	...	4
Insanitary Middens...	...	...	...	1

Defective Ventilating Shafts...	...	...	...	...	...	...	1
Defective Windows...	...	...	...	...	...	...	1
Animals kept so as to be a nuisance	...	...	...	...	...	...	1
Stables in an Insanitary state	...	...	...	...	...	...	1
Other Nuisances	...	...	...	...	...	...	8
Total							<u>235</u>

Ashpits Abolished	...	...	...	...	...	...	6
Houses Provided with Bins	...	...	...	...	...	...	10
Waste Water Closets Converted to W.C's....	...	...	...	...	...	...	1
Pail Closets Converted to W.C's.	...	...	...	...	...	...	20
Tank Closets Converted to W.C's.	...	...	...	...	...	...	4
Tank Closets Converted to Pail Closets	...	...	...	...	...	...	1
Houses entirely Redrained	...	...	...	...	...	...	19

The above are included in the figures given in "Closet Accommodation" and "Scavenging."

169 Informal Notices have been served upon Owners of premises where defects existed; also 57 Statutory Notices.

The above include the Notices served under the Housing Acts.

Since the completion of the new sewers at Foulridge 89 houses have been entirely re-drained. Glazed stoneware socketted pipes jointed with Portland Cement being used in every instance.

All the old drains were found to be very defective.

In each backyard an inspection chamber has been fixed, so that if at any time the drains become blocked, the blockage may be removed by the use of drain rods. This will obviate having to take up the back yards and back streets, which has invariably to be resorted to in other Townships where there are no means of access to the drains.

The Council entered upon a new departure this year by having printed and circulated throughout the District a large number of circulars giving advice upon protecting food, and especially milk, from flies, and also giving advice as to the best means of destroying flies.

In my opinion the amount of money spent on these circulars has been amply justified, as I have noticed in my visits the greater care which has been exercised in protecting food from these pests.

I would like to mention here the great improvement which has been effected at the Huts at Hurstwood Water Works. It will be remembered that these huts, until recently, were never satisfactory so far as sanitation is concerned, and in consequence were the subject of many reports and serving of notices.

Since the Burnley Corporation took the matter into their own hands their Water Manager has been ever ready to carry out any improvements your Inspector desired, and the Huts are now very much better than they were.

The following figures shew the number of visits the Inspector has made to each Township during the year :—

Altham	...	...	...	...	...	...	...	...	13
Barley	...	...	...	...	...	...	...	...	6
Blacko	...	...	...	...	...	...	...	...	14
Briercliffe	...	...	...	...	...	...	...	...	56
Cliviger	...	...	...	...	...	...	...	...	14
Dunnockshaw	...	...	...	...	...	...	...	...	5
Foulridge	...	...	...	...	...	...	...	...	68
Goldshaw Booth		...	...	...	...	...	...	...	2
Habergham Eaves	...	...	...	...	...	...	...	...	8
Hapton	...	...	...	...	...	...	...	...	34
Higham	...	...	...	...	...	...	...	...	18
Huncoat	...	...	...	...	...	...	...	...	37
Ightenhill	...	...	...	...	...	...	...	...	8
Old Laund Booth	...	...	...	...	...	...	...	...	10
Simonstone and Read	...	...	...	...	...	...	...	...	21
Reedley Hallows	...	...	...	...	...	...	...	...	33
Roughlee	...	...	...	...	...	...	...	...	13
Sabden	...	...	...	...	...	...	...	...	15
Worsthorne	...	...	...	...	...	...	...	...	29
Total	...								404

SMOKE NUISANCES. On the whole there is not much to complain about with regard to nuisances arising from black smoke. No complaints have been received during the last twelve months, and it has not been necessary to make anything beyond casual observations.

SCHOOLS. The sanitary condition of the schools is fairly good.

As stated elsewhere in this Report, a commencement has been made with the water scheme for the Township of Newchurch-in-Pendle, and it is hoped that at an early date a sufficient supply of water will be provided for the school in that village. As mentioned in previous reports, the present water supply to this school is very unsatisfactory.

The school at Roughlee is also without an adequate supply of good water. This will be dealt with when the scheme proposed to be carried out by the Council is completed, which will be in the near future.

I am pleased to state that a splendid improvement has been effected at Foulridge School by the abolition of the pail conveniences, and the substitution of the latest patterns of syphonic ranges. In addition to this, the school has been entirely redrained. This school is now thoroughly up to date so far as sanitary arrangements go, and I understand that the Government School Inspector expressed himself as being very pleased with the system which has been installed.

Several visits have been made to schools where infectious diseases have occurred, and I have made many examinations of the school children.

Owing to the prevalence of Measles, I found it necessary to recommend the closure of the following schools :—

Foulridge, Church of England. Infants' Department.
Clowbridge School.
Higham, Church of England. Infants' Department.
Briercliffe Council School. Infants' Department.

MILK SUPPLY. 213 inspections of Dairies and Cowsheds have been made.

The Cowsheds in this district are stone buildings generally open to the barn and have either concrete, flagged, or paved floors; windows, to open at the top; and generally there are ventilators in the roof for the extraction of foul air. The Cowsheds are drained into either brick or concrete tanks situated under the middenstead.

On the whole the Cowsheds are in particularly good condition for a Rural District, and compare most favourably with those of other Districts where it has been my privilege to visit.

In my last Annual Report I stated that a special report had been prepared and sent to the owner of one Estate with regard to the insanitary and dilapidated condition of some of the farms. I am sorry to say that, beyond acknowledging the receipt of that report, nothing has been done.

Most of the milk is sent into Burnley, Colne, Nelson, and Accrington.

Under the Diseases of Animals Acts Tuberculosis Order 1913, five notifications were received of cows suffering from Tuberculosis, the necessary steps being taken to deal with these cases.

Four reports were received from the Medical Officer of Health to the Borough of Burnley to the effect that samples of milk from three different farms in your district had been found upon bacteriological examination to contain tubercle bacilli.

These cases were reported by me to the County Police Superintendent, who immediately instructed the County Council Veterinary Inspector to examine the cattle at the farms.

At one of the farms he reported that none of the cows were affected, while in the other cases one cow at each farm was found suffering from Tuberculosis.

In each of the latter the farmers were instructed not to sell milk from those particular cows, also to keep them isolated.

Subsequent visits were made with a view to seeing that the above was being carried out or that the cattle had been satisfactorily disposed of.

The following improvements to Dairies and Cowsheds have been carried out :—

Improved Water Supplies	...	...	...	...	...	...	1
Improved Lighting of Cowsheds	...	...	...	...	...	...	11
Improved Ventilation of Cowsheds	...	...	...	...	...	...	11
Cowshed Floors Relaid and Improved	...	...	...	...	...	...	7
Drains Relaid and Altered	...	...	...	...	...	...	22
Improved Middensteads...	...	...	...	...	...	...	1
Cowsheds Limewashed (after notice)	...	...	...	...	...	...	3

Cowsheds at which more air-space provided	...	...	1
New Manure Tanks constructed	...	...	3
Yards Paved	...	...	1
Other Defects Remedied	...	...	2

The limewashing of Cowsheds twice each year is rigidly enforced.

In addition to the above, the Cowsheds at Dean Farm, Sabden, have been re-modelled on up-to-date lines, while a new Cowshed has been erected at Hey Fold Farm, Foulridge, to replace one of the old Cowsheds condemned by your Inspector.

Plans have been submitted and approved for the erection of new Cowsheds at Ravens Clough and Higham House Farms. These works have not yet been put in hand.

BAKEHOUSES. There are 14 Bakehouses in the District, all of which upon inspection were found to be clean and well kept.

FACTORIES AND WORKSHOPS. All the Workshops were found in good order.

Three Notices were received from H. M. Inspector of Factories respecting defects at two Factories and one Workshop as follows :—

Factory No. 1 ... Insufficient Sanitary Conveniences.

Factory No. 2 ... Conveniences without doors.

Workshop No. 3 ... Gas radiator not ventilated.

With regard to No. 1, the provision of extra conveniences is now in progress.

At Factory No. 2 the Factory Inspector's Notice has not been complied with up to the present, but as there is a sewer near, your Inspector has asked the owners to convert them to proper W.C's. This they have consented to do, and the work will be proceeded with at an early date.

At the Workshop No. 3, the matter has been remedied.

SLAUGHTER HOUSES. Many of the Slaughter Houses are situated at Farms but some of them are scarcely, if ever, used.

These have all been inspected, but most attention has been devoted to those used regularly. All were found clean and satisfactory.

No new licences have been granted during the year.

A large quantity of meat is brought into the District from the Burnley Abattoirs.

No meat has been condemned.

Information was received that a farmer had been trying to dispose of an unsound carcase of a cow. The Inspector at once visited this farm, and found that the carcase had been removed to the Knackers.

HOUSING. Summary of work carried out under the Housing Act during the year :—

Number of Dwelling-houses inspected	102
„ Dwelling-houses where defects existed ...	65
„ Dwelling-houses unfit for habitation... ..	7
„ Representations to Local Authority with a view to making Closing Orders	*9
„ Closing Orders made	Nil
„ Dwelling-houses where defects were re- mediated without making Closing Orders... ..	*15
„ Dwelling-houses put into a fit state of habitation after making Closing Orders... ..	*2
„ Dwelling-houses demolished	Nil
„ Dwelling-houses closed after Preliminary Notice sent to Owner	1
„ Defects remedied	360

* Relates to houses inspected during 1913.

Details of defects remedied :—

Dilapidated Out Buildings	28
Defective Water Fittings... ..	1
Drains altered and re-laid	101
Yard flagging repaired or re-laid	25
Dampness remedied	9
Eaves troughing and downpipes repaired	20
Windows repaired or new windows fixed	15
Overcrowding abated	2
Insanitary “ Tank ” Closets	47
Insanitary Pail Closets	50
Insanitary Ashpits	20
Roofs repaired	5
Floors, walls, and ceilings repaired	7
Additional W.C. accommodation provided	9

Defective chimney stacks repaired	...	...	...	...	2
Houses in dirty state	...	...	...	...	3
Kitchen ranges repaired	...	...	...	...	1
Rooms defective as regards ventilation	...	...	...	...	5
Additional light provided to room...	...	...	...	...	2
Poultry kept so as to be a nuisance	...	...	...	...	2
Secondary means of access made to houses...	...	...	...	...	6
Total					<u>360</u>

Ashpits abolished	...	...	...	20	} These figures are included in the totals given in "Closet Accommodation" and "Scavenging."
Houses provided with bins	...	...	...	30	
Tank Closets converted to Pail Closets	...	...	...	2	
Pail Closets converted to W.C's..	...	...	...	50	
"Tank" Closets converted to W.C's.	...	...	...	47	

In addition to the above there are many other alterations in progress, but owing to their not being quite completed I shall have to include them in my next Annual Report.

Last year I reported that a commencement had been made with the alterations to property in Crow Tree Row, Sabden, and I am now pleased to state that the ten houses in this Row have been completed during the year and are now occupied.

The Owner is to be congratulated on the magnificent improvement he has made, and as he has now commenced with the houses in Step Row on similar lines, the top portion of Sabden will be a much improved place when the scheme is completed. In addition to this, it provides the necessary housing accommodation which was found to be so badly needed when your Inspector carried out his inspection of Sabden two or three years ago.

Last year your Inspector made a careful and detailed inspection of most of the houses in Foulridge. The principal defects he found were connected with drains and conveniences. These matters could not be remedied until after the sewerage scheme was completed, therefore during the year much time has had to be spent in getting defects remedied at houses inspected last year. This has not left much time for new inspections.

Since the Housing Act came into force 1,636 houses have been inspected.

Number of houses erected during the year in the whole area	...	...	...	...	...	...	...	34
--	-----	-----	-----	-----	-----	-----	-----	----

C. SANITARY ADMINISTRATION OF THE DISTRICT.

(1). STAFF. One Inspector of Nuisances has charge of the whole district, and devotes the whole of his time to the duties. He also has clerical assistance. In addition to the carrying out of the ordinary duties required by the Local Government Board, the Council have appointed him Inspector under the Housing Act.

(2). There are two hospitals of which the Council have joint use, along with the Borough of Burnley, and the Urban Districts of Brierfield and Padiham. These are situated at Kibble Bank in the Borough of Burnley, and at Crown Point, in our area, the latter being used for Smallpox cases.

D. PREVALENCE OF AND CONTROL OVER ACUTE INFECTIOUS DISEASES.

Notifications received during the year are as follows :—

Scarlet Fever	...	...	...	...	...	...	...	55
Diphtheria	...	...	...	...	...	...	...	13
Enteric Fever	...	...	...	...	...	...	...	6
Erysipelas...	...	...	...	...	...	...	...	11
Puerperal Fever	...	...	...	...	...	...	...	1
Cerebro Spinal Fever	...	...	...	...	...	...	...	1
Total								<u>87</u>

This total shows an increase of 20 over last year's figures, the principal increase being Scarlet Fever, of which we had 27 more cases than in 1913.

As will be observed from the Table on page 25, the average number of cases per year notified during the preceding 10 years is 96·1, so that this year's figures are below the average.

SCARLET FEVER. The 55 cases were reported from the following Townships: Blacko (12), Huncoat (10), Altham (6), Briercliffe (5), Hapton (4), Cliviger (3), Old Laund Booth (3), Reedley Hallows (3), Roughlee (3), Worsthorne (2), Foulridge (1), Goldshaw Booth (1), Read (1), Simonstone (1).

Most cases (18) occurred during the month of December, the whole of the 12 at Blacko being notified in that month

At the latter village, whilst making enquiries, I discovered a child suffering from this disease who at the time of my visit was in the peeling stage, and the parents had not consulted a

medical practitioner. Although this child had been kept at home, other members of the family were attending school. Some of the cases in the village I was unable to trace as having originated from this source, but I am confident that the remainder did so either directly or indirectly.

I severely censured the parents—who pleaded ignorance—for their carelessness; and should any further cases of a similar nature arise in future I shall strongly recommend the Council to prosecute the offenders.

Apart from this there has been nothing approaching an epidemic.

There was one death.

DIPHTHERIA. It is exceedingly gratifying to note that we have only had 13 cases of Diphtheria, compared with 24 for last year. They occurred at Briercliffe (4), Hapton (3), Ightenhill (2), Roughlee (2), Altham (1), Higham (1).

There were two deaths.

ENTERIC FEVER. The number of cases notified shew an increase of one over last year, and were reported from the following villages: Huncoat (2), Higham (2), Briercliffe (1), and Sabden (1).

There was one death.

As the Council is aware, much time was spent by myself and the Inspector in finding the cause of the prevalence of so many cases of Typhoid in one of our Townships and also neighbouring Urban Districts. The matter was of course solved, and as the Council is conversant with the whole of the facts I don't propose to make any further comments with regard to the same.

ERYSIPELAS. The eleven cases of Erysipelas occurred at Sabden (3), Higham (2), Briercliffe (1), Foulridge (1), Goldshaw Booth (1), Huncoat (1), Reedley Hallows (1),

Barley, Dunnockshaw, Northtown, Habergham Eaves and Wheatley Carr are the only townships which have been entirely free from the above-mentioned diseases during the year under report.

MEASLES have been very prevalent during the year and 12 have died from the disease, 3 of whom were infants under one year. No less than 300 cases have come to my knowledge, over 200 of which were in the quarter ending June 30th. As previously

stated, I had to recommend the closing of various schools for varying periods. In three cases the Infant Departments alone; in the other the whole school.

WHOOPING COUGH. This, too, has been prevalent during the year, 138 cases having come to my knowledge, with 3 deaths. It was most prevalent during the last quarter of the year. But I have not found it necessary to take any action for the closure of any school.

Immediately upon the receipt of infectious diseases notifications, the houses are visited for the purpose of ascertaining, if possible, the source of infection, and also for giving instructions to prevent the spread of the disease. At the same time disinfectants are left at the houses.

In all cases school authorities are notified so that children should not attend school until all danger of infection is past.

After the recovery of the patients, or, if removed to the hospital, immediately after such removal, the infected rooms and bedding are properly disinfected either with formalin vapour, or by spraying with formalin.

In cases of Typhoid Fever, the beds and bedding are usually taken away and burned.

We have not got a disinfecting station in the District, but an arrangement has been made with the Burnley Corporation whereby we may have the use of their disinfector when necessary.

Rooms fumigated number 69, a decrease of 8 from last year.

118 visits have been made to houses where infectious diseases existed, being an increase of 25 over the number of visits made last year.

In cases where proper isolation could not be secured at home, the patients have been removed to the Sanatorium. These number 38, as follows :—

Scarlet Fever	...	...	...	...	...	...	...	27
Diphtheria	...	...	...	...	...	...	...	8
Enteric Fever	...	...	...	...	...	...	...	3
								—
Total								38
								==

This equals 43·67 per cent. of the cases notified.

The following cases occurred at farms :—

Diphtheria	...	...	...	...	...	...	...	2
Scarlet Fever	...	...	...	...	...	...	...	8
Erysipelas...	...	...	...	...	...	...	...	1
Total								11

At these places special precautions were taken to prevent the milk becoming infected.

The following Table shews the number of cases notified during the year 1914, and the preceding 10 years.

DISEASES.	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914
Scarlet Fever	25	88	53	130	70	72	64	46	17	28	55
Typhoid Fever	14	10	13	4	8	6	12	5	5	5	6
Diphtheria	9	13	9	5	22	4	4	19	22	24	13
Erysipelas	9	18	11	18	12	12	16	10	10	10	11
Membranous Croup	1	0	1	3	1	1	..	..	..	..	..
Puerperal Fever	1	2	2	3	1	1	3	2	2	..	1
Small Pox	2	2	..	..	..	..	..	..	..	..	..
Acute Poliomyelitis	..	..	..	..	..	..	..	..	1	..	..
Cerebro Spinal Meningitis	..	..	..	..	..	..	..	..	..	..	1
Totals.....	61	133	89	163	114	96	99	82	57	67	87

Average for preceding 10 years—96·1.

Average for 10 years 1894 to 1903—130·8.

Distribution during the twelve months:—

1914.	Scarlet Fever.	Typhoid Fever.	Diphtheria.	Erysipelas.	Membranous Croup.	Puerperal Fever.	Acute Poliomyelitis.	Cerebro Spinal Fever.	TOTAL.
January	5	..	..	..	..	1	..	..	6
February	3	1	2	1	..	..	..	..	7
March	7	1	2	1	..	..	..	..	11
April	1	1	..	1	..	..	..	1	4
May	3	2	2	..	..	..	..	..	7
June	1	..	..	1	..	..	..	..	2
July.....	3	..	..	..	..	..	..	..	3
August	4	..	..	..	..	..	..	..	4
September.....	4	1	..	2	..	..	..	..	7
October	1	..	2	..	..	..	..	..	3
November	5	..	3	5	..	..	..	..	13
December	18	..	2	..	..	..	..	..	20
Total	55	6	13	11	..	1	..	1	87

TABLE SHOWING DISTRIBUTION OF INFECTIOUS DISEASES—1914.

TOWNSHIP.	Estimated Population.	Scarlet Fever.	Diphtheria.	Cases per 100.	Cases per 100.	Typhoid Fever	Cases per 100.	Erysipelas.	Cases per 100.	Puerperal Fever.	Cases per 100.	Membranous Group.	Cases per 100	Cerebro Spinal Fever.	Cases per 100.	Tuberculosis.	Cases per 100.	Acute Polomyelitis.	Cases per 100.	Total No. of cases in each Township.	Cases per 100.
Altham	950	6	1	.63	.10	..	..	..	..	..	..	..	..	..	.10	1	..	..	..	8	.84
Barley-with-Wheatley Booth ..	340	..	..	2.30	..	..	..	..	..	..	..	..	..	..	.38	2	..	..	..	14	2.69
Blacko	520	12	..	..	..	..	..	..	..	..	..	..	..	..	.15	2	..	..	..	16	.50
Briercliffe	3200	5	4	.15	.12	1	.03	1	..	..	..	..	..	1	.11	2	..	..	..	6	.32
Cliviger	1880	3	..	.16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dunnoekshaw	530	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	5	.34
Foulridge	1475	1	..	.07	..	..	..	1	..	1	.07	..	..	..	.13	..	..	..	..	2	1.28
Goldshaw Booth	156	1	..	.64	..	..	..	1	..	..	.64	..	..	..	.34	1	..	..	..	1	.34
Habergham Eaves	290	..	3	.18	.14	..	..	..	..	..	..	..	..	..	.23	2	..	..	..	12	.55
Hapton	2170	4	1	.13	.13	2	.26	2	..	..	.26	..	..	..	.13	1	..	..	..	6	.78
Higham	765	..	..	.65	..	2	.13	1	..	..	.06	..	..	..	.06	1	..	..	..	14	.92
Huncoat	1520	10	2	..	1.53	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1.53
Ightenhill Park	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
North Town	133	..	..	..	..	..	..	..	..	..	..	..	..	..	.12	1	..	..	..	4	.48
Old Laund Booth	830	3	..	.36	..	..	..	..	..	..	..	..	..	..	.20	2	..	..	..	3	.30
Read	990	1	..	.10	..	..	..	..	..	..	.14	..	..	..	.27	2	..	..	..	6	.82
Reedley Hallows	730	3	2	.41	.57	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	1.42
Roughlee	352	3	..	.85	..	1	.06	3	..	..	.17	..	..	..	.17	3	..	..	..	7	.40
Sabden	1730	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	.19
Simonstone	530	1	..	.19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wheatley Carr	54	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	.41
Worsthorne-with-Hurstwood ..	1225	2	..	.16	..	..	..	1	..	..	.08	..	..	..	.16	2	..	..	..	..	..
Total	20500	55	13	.27	.06	6	.03	11	.05	1	.005	..	..	1	.005	30	..	..	..	117	.57
Corresponding totals for last year	20500	28	24	.13	.11	5	.02	10	.05	..	..	..	..	..	.23	48	..	..	..	115	.56

PREVALENCE OF AND CONTROL OVER TUBERCULOSIS.

Number of Primary Notifications received from Medical Practitioners, Form A (particulars of which are given hereunder) 29

						<i>Males.</i>	<i>Females.</i>		<i>Total.</i>
Pulmonary Tuberculosis	...	...	...	...	...	6	10	...	16
Vertebrae	...	...	...	...	...	2	—	...	2
Feet and Legs	...	...	...	...	...	3	1	...	4
Peritoneum	...	...	...	...	...	1	—	...	1
Kidney	...	...	...	...	...	1	—	...	1
Cervical Glands	...	...	...	...	...	—	1	...	1
Meninges of the Brain	...	...	...	...	...	1	—	...	1
Larynx	...	...	...	...	...	1	—	...	1
Intestines	...	...	...	...	...	1	1	...	2
Totals	...	...	...	...	...	16	13	...	29

Occupations of persons notified :—

Weavers	...	...	...	...	...	...	...	...	12
Housewives	...	...	...	...	...	...	...	...	4
No occupation		...	...	...	...	...	...	...	6
Signalman...	...	...	...	...	...	...	...	...	1
Joiner	...	...	...	...	...	...	...	...	1
Printworker	...	...	...	...	...	...	...	...	1
Winder	...	...	...	...	...	...	...	...	1
Farmer	...	...	...	...	...	...	...	...	1
Chemical worker		...	...	...	...	...	...	...	1
Warehouseman		...	...	...	...	...	...	...	1
Total									29

Particulars as to ages are given in Table II.

Nine notifications have been received from Medical Officers of Poor Law Institutions and Sanatoria (Form C). These are as follows :—

Burnley Union...	...	...	...	...	...	4
Ainsworth Sanatorium	...	...	...	...	...	2
Meathop Sanatorium	...	...	...	...	...	1
Bull Hill Sanatorium	...	...	...	...	...	1
Halifax Sanatorium	...	...	...	...	...	1
				Total	...	9

The following notifications have been received after the discharge of patients from Institutions and Sanatoria (Form D).

Burnley Union...	...	...	...	...	...	2
Ainsworth Sanatorium	...	...	...	...	...	2
Meathop Sanatorium	...	...	...	...	...	1
Bull Hill Sanatorium	...	...	...	...	...	1
Halifax Sanatorium	...	...	...	...	...	1
Total						<u>7</u>

All the cases have been visited as soon as possible after the notifications have been received, when inquiries have been made, the houses inspected, and instructions given as to the precautionary measures to be taken.

Instruction cards are left at each house where the disease exists.

The houses are properly fumigated when it is possible to do so. 30 rooms have been disinfected during the twelve months.

Each week a return of the cases notified is sent to the County Medical Officer of Health.

I am, Gentlemen,

Your obedient servant,

H. J. ROBINSON,

Medical Officer of Health.

VITAL STATISTICS.—TABLE I.

of Whole District during 1914 and previous Years.

BURNLEY RURAL DISTRICT COUNCIL.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGIS- TERED IN THE DISTRICT.		TRANSFER- ABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Uncorrected Number.	Nett.				of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.	Number.	Rate per 1,000 Nett Births.			Number.	Rate.		
1	2	3	4	5	6	7	8	9	10	11	12	13
1909	20000	3 3	383	19.15	276	13.8	..	4	42	109.66	280	14.0
1910	20000	410	410	20.5	252	12.6	..	..	54	131.7	258	12.9
1911	20360	396	396	19.45	227	11.4	7	17	56	141.41	237	11.64
1912	20000	411	411	20.55	222	11.1	..	18	39	94.89	240	12.00
*1913	20500	344	347	16.92	251	12.24	..	30	43	123.9	281	13.70
1914	20500	346	346	16.87	233	11.36	6	34	39	112.7	261	12.73

*Decrease in population accounted for by portion of district being amalgamated with Borough of Burnley.

Total population at all ages, 20,292

No. of inhabited houses, 4,785

Average number of persons per house, 4.25

} At Census of
1911.

Area of District in acres (land and inland water), 42,454.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1914.—TABLE II.

BURNLEY RURAL DISTRICT.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.							TOTAL CASES NOTIFIED IN EACH LOCALITY.				Total Cases removed to Hospital.
	At all Ages.	At Ages—Years.						1 Burnley Reg. Dist.	2 Colne Reg. Dist.	3 Pendle Reg. Dist.	4 Padiham Reg. Dist.	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.						65 and upwards.
Small-pox.....	—	—	—	—	—	—	—	—	—	—	—	—
Cholera.....	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria, including Membranous Croup...	13	—	3	8	1	1	—	6	—	2	5	8
Erysipelas.....	11	—	—	1	—	7	3	3	1	1	6	—
Scarlet Fever.....	55	—	13	35	5	2	—	13	13	7	22	27
Typhus Fever.....	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever.....	6	—	—	—	3	2	1	1	—	—	5	3
Relapsing Fever.....	—	—	—	—	—	—	—	—	—	—	—	—
Continued Fever.....	—	—	—	—	—	—	—	—	1	—	—	—
Puerperal Fever.....	1	—	—	—	—	1	—	—	—	—	—	—
Cerebro-spinal Meningitis..	1	—	1	—	—	—	—	1	—	—	—	—
Poliomyelitis.....	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis...	17	—	—	—	5	7	5	7	1	—	9	—
Other Tuberculosis.....	13	1	—	5	4	—	3	5	3	1	4	—
Totals.....	117	1	17	49	18	20	12	36	19	11	51	38

VITAL STATISTICS.—TABLE III.
CAUSES OF, AND AGES AT DEATH DURING YEAR 1914.
BURNLEY RURAL DISTRICT.

CAUSES OF DEATH.	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.										Total Deaths whether of Residents or non-Residents in Institutions in the District.
	All ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.		
1	2	3	4	5	6	7	8	9	10	11	
All causes { Certified { Uncertified	257 4	36 3	...	..	...	..	..	..	..	.... ....	
Enteric Fever	1	..	..	..	..	1	..	..	..	....	
Small Pox .....	..	..	..	..	..	..	..	..	..	....	
Measles	12	3	2	5	2	..	..	..	..	....	
Scarlet Fever	1	..	..	..	..	1	..	..	..	....	
Whooping Cough.....	3	3	..	..	..	..	..	..	..	....	
Diphtheria and Croup	2	..	..	..	2	..	..	..	..	....	
Influenza	2	..	..	..	..	1	1	..	..	....	
Erysipelas.....	..	..	..	..	..	..	..	..	..	....	
Phthisis (Pulmonary Tuberculosis)	13	..	..	..	1	3	8	1	..	....	
Tuberculous Meningitis	2	..	1	1	..	1	..	..	..	....	
Other Tuberculous Diseases	4	1	..	..	1	..	..	1	1	....	
Cancer (Malignant Disease)	11	..	..	..	..	..	2	8	1	....	
Rheumatic Fever	5	..	..	..	1	..	2	2	..	....	
Meningitis.....	..	..	..	..	..	..	..	..	..	....	
Organic Heart Disease	38	..	..	..	2	1	7	18	10	....	
Bronchitis.....	27	3	5	..	..	2	7	5	5	....	
Pneumonia (all forms)	29	5	3	..	..	4	4	7	6	....	
Other Diseases of Respiratory Organs	1	..	..	..	..	..	..	1	..	....	
Diarrhoea and Enteritis	6	5	..	..	..	..	..	1	..	....	
Appendicitis and Typhlitis .....	..	..	..	..	..	..	..	..	..	....	
Cirrhosis of Liver	1	..	..	..	..	..	..	1	..	....	
Alcoholism .....	..	..	..	..	..	..	..	..	..	....	
Nephritis and Bright's Disease	8	..	..	..	..	..	2	6	..	....	
Puerperal Fever .....	..	..	..	..	..	..	..	..	..	....	
Other Accidents and Diseases of Pregnancy and Parturition.....	..	..	..	..	..	..	..	..	..	....	
Congenital Debility and Malformation, including Premature Birth.....	10	10	..	..	..	..	..	..	..	....	
Violent Deaths (excluding Suicides)	12	..	2	1	..	2	..	6	1	....	
Suicide	4	..	..	5	3	..	3	..	1	....	
Other Defined Diseases.....	62	9	1	..	..	..	..	20	24	....	
Diseases ill-defined or unknown	7	..	..	..	..	..	..	2	5	....	
Totals.....	261	39	14	12	12	16	36	79	53	....	

VITAL STATISTICS.—TABLE IV.

INFANTILE MORTALITY DURING THE YEAR 1914.

Nett Deaths from stated Causes at various Ages under One Year of Age.

BURNLEY RURAL DISTRICT.

CAUSE OF DEATH.	Under 1 Wk.	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 month	1-3 Months	3-6 Months	6-9 Months	9-12 Months	Total Deaths under One Year
All Causes—										
Certified	8	..	..	..	..	7	3	9	7	36
Uncertified	2	..	..	..	..	..	1	..	..	3
Small-pox	..	..	..	..	..	..	..	..	..	..
Chicken-pox	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	1	..	..	2	3
Scarlet Fever	..	..	..	..	..	..	..	..	..	..
Whooping Cough	..	..	..	..	..	..	1	1	1	3
Diphtheria and Croup	..	..	..	..	..	..	..	..	..	..
Erysipelas	..	..	..	..	..	..	..	..	..	..
Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases ..	..	..	..	..	..	..	..	1	..	1
Meningitis (<i>not Tuberculous</i>) ..	..	..	..	..	..	..	..	..	..	..
Convulsions	..	..	..	..	..	..	..	..	..	..
Laryngitis	..	..	..	..	..	..	..	..	..	..
Bronchitis	..	..	..	..	..	1	1	1	..	3
Pneumonia (all forms).....	..	..	..	..	..	2	1	1	1	5
Diarrhoea	..	..	..	..	..	1	..	..	..	1
Enteritis	..	1	..	..	1	1	..	1	1	4
Gastritis	..	..	..	..	..	..	..	..	..	..
Syphilis	..	..	..	..	..	..	..	..	..	..
Rickets	..	..	..	..	..	..	..	..	..	..
Suffocation, overlying	..	..	..	..	..	..	..	..	..	..
Injury at Birth.....	..	..	..	..	..	..	..	..	..	..
Atelectasis	..	..	..	..	..	..	..	..	..	..
Congenital Malformations	..	..	..	..	..	..	..	..	..	..
Premature Birth	7	1	..	..	8	..	1	1	..	10
Atrophy Debility & Marasmus ..	..	..	..	..	..	..	..	..	..	..
Other Causes	3	..	..	..	3	1	..	3	2	9
Totals	10	2	..	..	12	7	4	9	7	39

Nett Births in the Year { Legitimate.... 338
 { Illegitimate .. 7

Nett Deaths in the Year { Legitimate Infants.. 39
 { Illegitimate „

FACTORIES, WORKSHOPS, WORKPLACES, AND HOMEWORK.

1.—INSPECTION.

INSPECTIONS MADE BY SANITARY INSPECTOR.

PREMISES. (1)	Number of		
	INSPECTIONS. (2)	WRITTEN NOTICES. (3)	PROSECUTIONS. (4)
FACTORIES..... (Including Factory Laundries).	42	8	Nil.
WORKSHOPS..... (Including Workshop Laundries).	17	Nil.	Nil.
WORKPLACES.....	..	..	..
Total.....	59	8	Nil.

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars. (1)	Number of Defects.			
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	Number of Prosecutions. (5)
<i>Nuisances under the Public Health Acts :—</i>				
Want of Cleanliness.....	..	..	Nil	Nil
Want of Ventilation.....	..	..	..	..
Overcrowding.....	..	..	..	..
Want of drainage of Floors.....	..	..	..	..
Other Nuisances.....	2	2	..	..
Sanitary Accommodation { Insufficient..... Unsuitable or Defective.... Not separate for Sexes.....	1	1	..	..
	5	2	..	..
	..	..	..	..
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of Underground Bakehouse.....	..	..	..	..
Breach of special sanitary requirements for Bakehouses	..	..	..	..
Other Offences.....	1	..	..	..
Total.....	9	5	..	..

4.—REGISTERED WORKSHOPS.

WORKSHOPS ON THE REGISTER AT THE END OF THE YEAR.	NUMBER.
(1)	(2)
Bakehouses.....	14
Various.....	9
Total Number of Workshops on Register.....	23

4.—OTHER MATTERS.

Class. (1)	Number. (2)
Matters notified to H.M. Inspector of Factories :—	
Failure to affix abstract of the Factory and Workshop Act (s. 133) ..	..
Action taken in matters referred by H.M. Inspector Notified by H.M. Inspector... as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5). Report (of action taken) sent to H.M. Inspector.....	3 1
Other.....	..
Underground Bakehouses (s. 101) :—	
Certificates granted during the year.....	..
In use at the end of the year.....	..

